



# PHENIX Run-14 Status

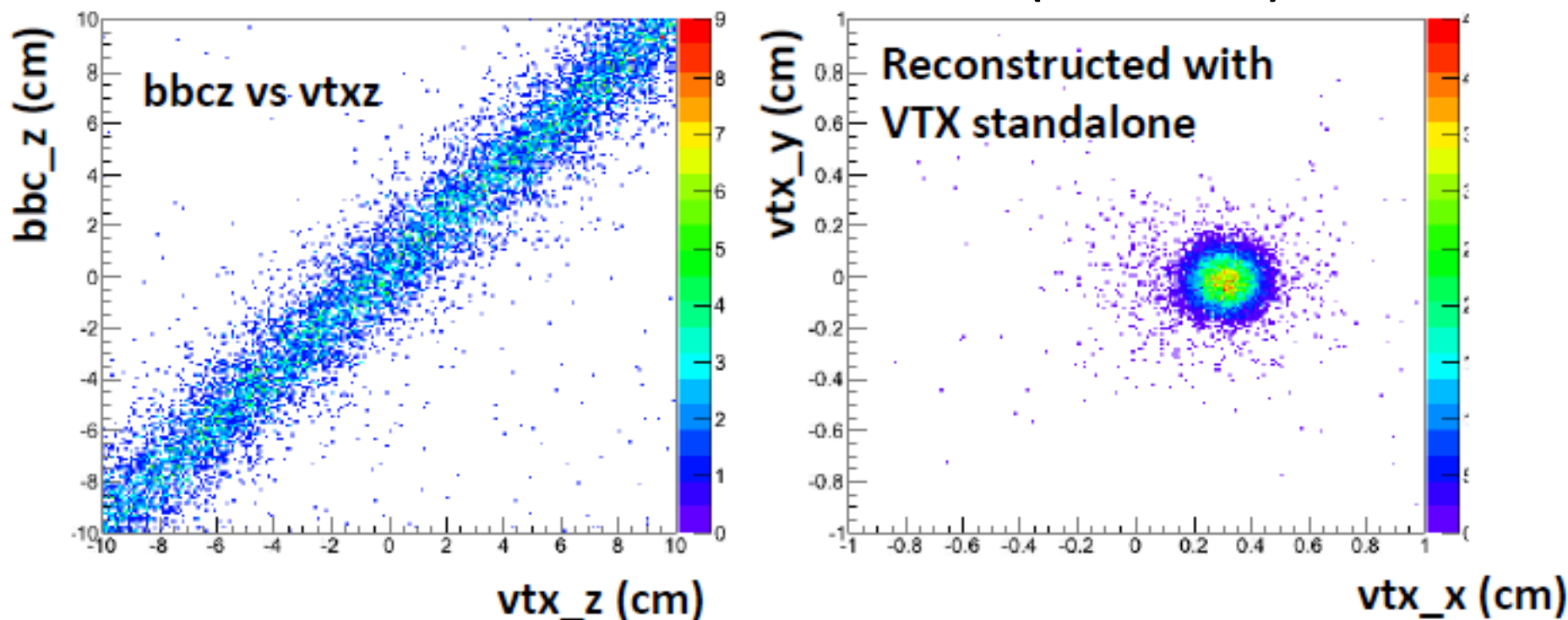
Klaus Dehmelt  
March 11, 2014  
Time Meeting

# PHENIX Low Energy Run

- Repaired NOVEC coolant loss
  - Return lines from FVTX and VTX-P showed leaks
  - Coolant loss doubled over the weekend before access
  - We had access last Wednesday and discovered severe leaks due to sparking propagation
  - During access we replaced 26 Teflon tubes with Stainless Steel tubes
  - No leak development since

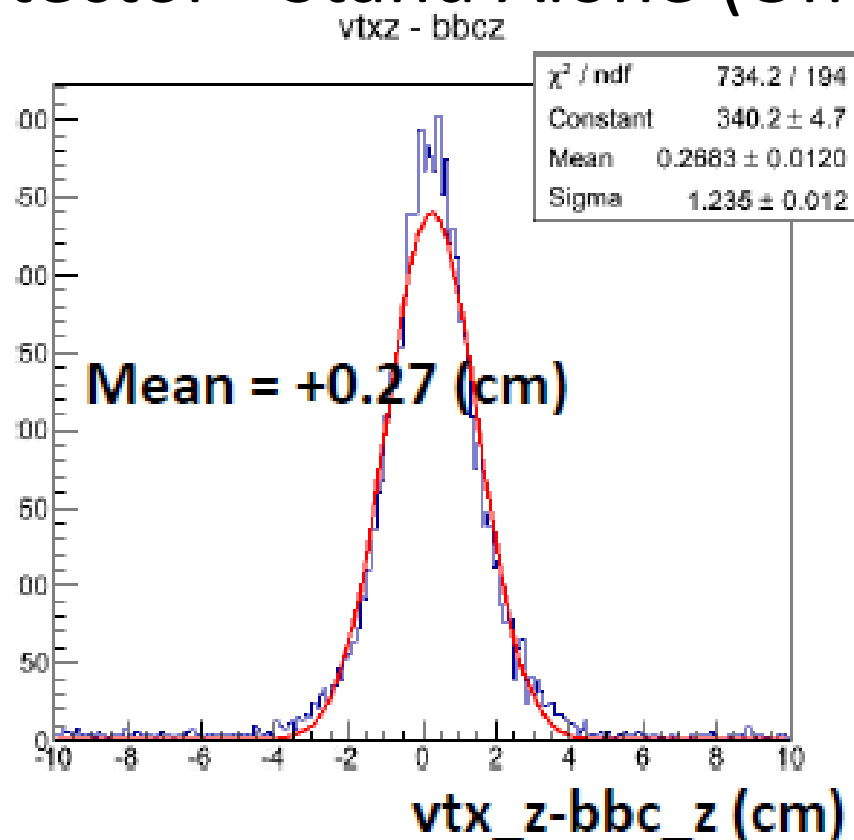
# PHENIX Low Energy Run

- Reconstruction of collision vertex using Silicon Vertex Detector - Stand Alone (One Fill)



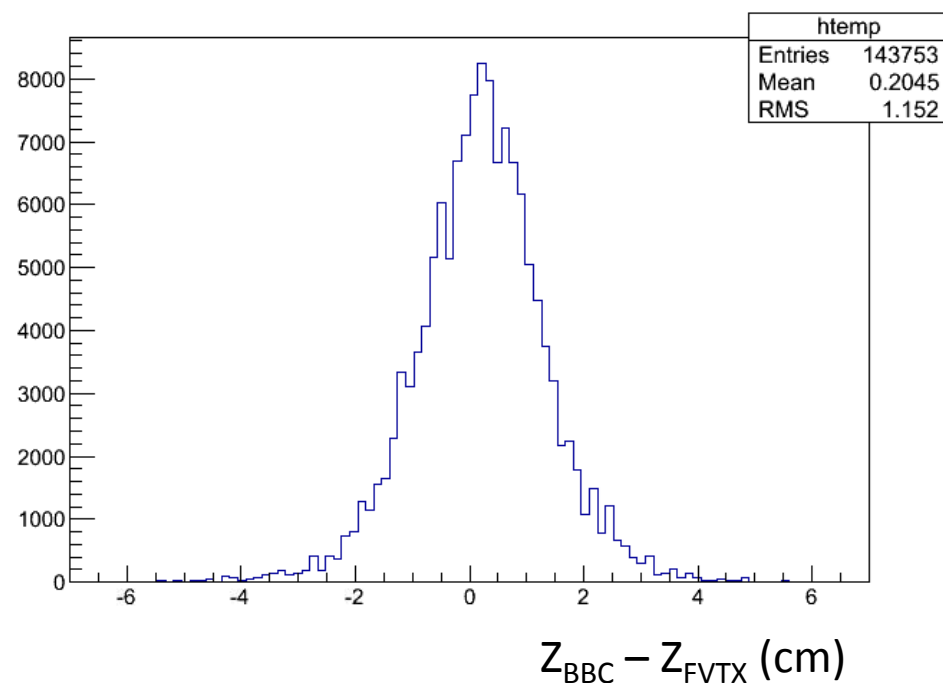
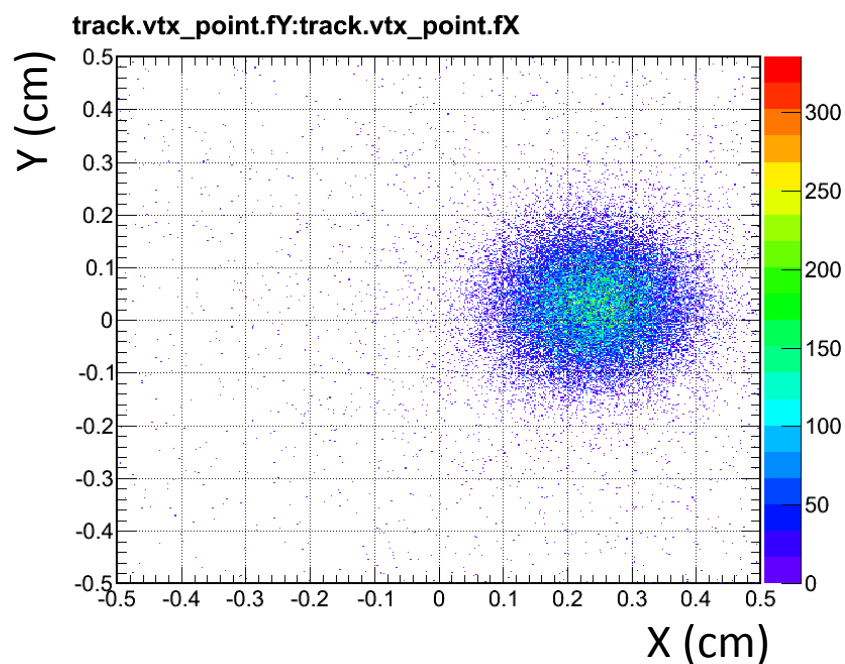
# PHENIX Low Energy Run

- Reconstruction of collision vertex using Silicon Vertex Detector - Stand Alone (One Fill)



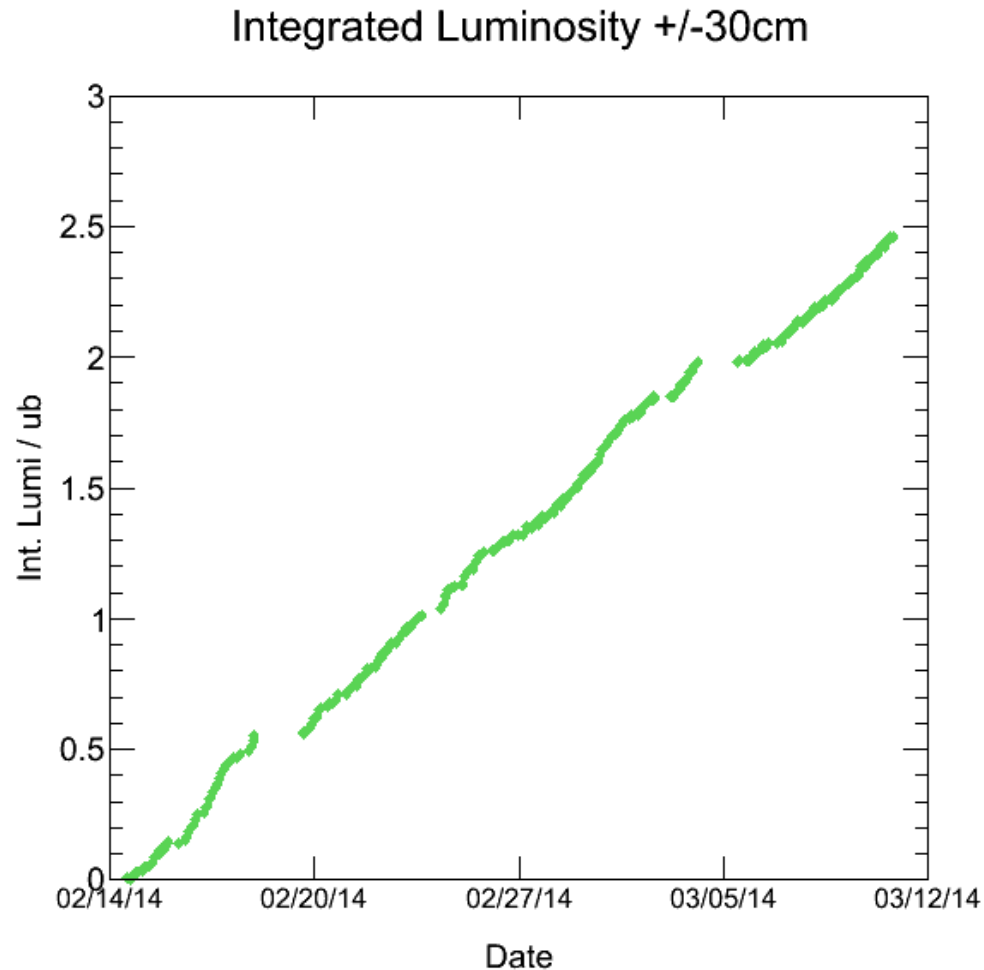
# PHENIX Low Energy Run

- Reconstruction of collision vertex using Full Silicon Forward Vertex Detector - Stand Alone



(One Fill)

# PHENIX Low Energy Run



# Calendar and Plans

- PHENIX took data
  - Estimated number of real Au+Au @ 15 GeV events:  
~ 15M events in  $\pm 30$  cm (March 10)  
 $\mathcal{L} \sim 2.5/\mu\text{b}$   
~ 6.4M events in  $\pm 10$  cm (March 10)  
 $\mathcal{L} \sim 1.1/\mu\text{b}$
- Maintenance day: today, March 11
- Switchover to High Energy Run today at 1800
- We have recorded a high quality Au+Au 15 GeV data set and are ready for the start of Au+Au 200 GeV Run